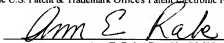


I hereby certify that this correspondence is being transmitted via the U.S. Patent & Trademark Office's Patent Electronic Filing System (EFS).

Date of Signature & Deposit: August 2, 2007

  
Ann E. Rabe, Reg. No. 56,697

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Richard L. Moss  
Serial No.: 10/748,354  
Filed: 12/30/2003  
Title: *A Transgenic Mouse Comprising a Myosin Heavy Chain ATPase Loop 1 Mutation*  
Art Unit: 1632  
Examiner: Magdalene K. Sgagias  
Atty. Docket: 960296.00519 (formerly 054030-0045)

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**AMENDMENT AFTER ALLOWANCE UNDER 37 CFR §1.312 ACCOMPANYING  
PAYMENT OF ISSUE FEE**

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Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Attn: Mail Stop Issue Fee

Dear Sir:

In response to the Notice of Allowance mailed May 2, 2007 in the above described case,  
Applicants hereby submit the following amendment and remarks.

**Amendments to the Claims** begin on page 2 of this document.

**Applicants' Remarks** begin on page 3 of this document.